

**Notice of Allowability**

Application No.

10/016,946

Applicant(s)

STEWART, GLENN E.

Examiner

Art Unit

Thien F Tran

2811

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/15/2003.
2. ☒ The allowed claim(s) is/are 21-41.
3. ☒ The drawings filed on 15 December 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
  - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No. \_\_\_\_\_.
  - (b) ☐ including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the Examiner.
  - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the margin according to 37 CFR 1.121(d).

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                    | 6 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____    |
| 3 <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No. _____  | 7 <input checked="" type="checkbox"/> Examiner's Amendment/Comment         |
| 4 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|  | 9 <input type="checkbox"/> Other   |

Thien F Tran  
THIEN F TRAN  
PRIMARY EXAMINER

## **DETAILED ACTION**

### ***Examiner's amendment***

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Andrew Peret on January 22, 2004.

The application has been amended as follows:

Claim 21, line 7, after "interposer" insert --.--.

Claim 28, line 1, delete "openings" insert --opening--.

Claim 37, line 1, delete "openings" insert --opening--.

### ***Allowable Subject Matter***

Claims 21-41 are allowed.

The following is an examiner's statement of reasons for allowance: prior art references do not teach or render obvious a method of manufacturing an electronic package comprising the step of securing a laminated conductor to the interposer including securing a positive portion of the laminated conductor to a positive section of the interposer and securing a negative portion of the laminated conductor to a negative section of the interposer (claim 21).

Prior art references do not teach or render obvious an electronic package comprising a laminated conductor including a positive portion that is connected to a

positive section of the interposer and a negative portion that is connected to a negative section of the interposer (claim 24).

Prior art references do not teach or render obvious an electronic package comprising a laminated conductor including a pair of conducting sheets separated by a dielectric layer, one of the sheets including an opening and the other sheet including a projection that extends into the opening (claim 27).

Prior art references do not teach or render obvious an electronic package comprising a laminated conductor including a pair of conducting sheets separated by a dielectric layer, one end of the laminated conductor being folded over such that each of the conducting sheets engages the interposer (claim 30).

Prior art references do not teach or render obvious a computer system comprising a laminated conductor including a positive portion that is connected to a positive section of the interposer and a negative portion that is connected to a negative section of the interposer (claim 33).

Prior art references do not teach or render obvious a computer system comprising a laminated conductor including a pair of conducting sheets separated by a dielectric layer, one of the sheets including an opening and the other sheet including a projection that extends into the opening (claim 36).

Prior art references do not teach or render obvious a computer system comprising a laminated conductor including a pair of conducting sheets separated by a dielectric layer, one end of the laminated conductor being folded over such that each of the conducting sheets engages the interposer (claim 39).

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thien F Tran whose telephone number is (703) 308-4108. The examiner can normally be reached on 8:30AM - 5:00PM Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eddie C Lee can be reached on (703) 308-1690. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9318.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

tt  
January 22, 2004

  
Thien F Tran  
Primary Examiner